

(12) DEMANDE INTERNATIONALE PUBLIÉE EN VERTU DU TRAITÉ DE COOPÉRATION
EN MATIÈRE DE BREVETS (PCT)

(19) Organisation Mondiale de la Propriété
Intellectuelle
Bureau international



(43) Date de la publication internationale
29 décembre 2004 (29.12.2004)

PCT

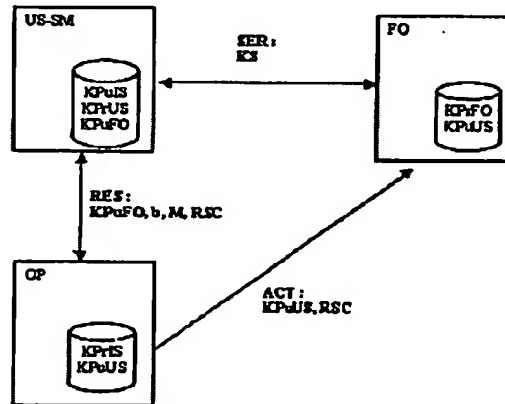
(10) Numéro de publication internationale
WO 2004/114229 A1

- (51) Classification internationale des brevets⁷ : G07F 7/10 (72) Inventeurs; et
(75) Inventeurs/Déposants (pour US seulement) : KSON-
(21) Numéro de la demande internationale : TINI, Rached [CH/CH]; Route Aloys Fauquez 26,
PCT/EP2004/051198 CH-1004 Lausanne (CH). JOLY, Stéphane [CH/CH];
(22) Date de dépôt international : 22 juin 2004 (22.06.2004) Crêt-Dessus, CH-1098 Epesses (CH). CANTINI, Renato
[IT/CH]; Route du Moulin 35, CH-1782 Belfaux (CH).
(25) Langue de dépôt : français TAZI, Mehdi [CH/CH]; Av. de Croix-Rive 5, CH-1028
Préverenges (CH).
(26) Langue de publication : français (74) Mandataire : WENGER, Joel; Leman Consulting SA,
Route de Clémenty 62, CH-1260 Nyon (CH).
(30) Données relatives à la priorité : (81) États désignés (sauf indication contraire, pour tout titre de
03014209.5 25 juin 2003 (25.06.2003) EP protection nationale disponible) : AE, AG, AL, AM, AT,
AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO,
(71) Déposants (pour tous les États désignés sauf US) : CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB,
NAGRACARD S.A. [CH/CH]; Route de Genève 22, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG,
CH-1033 Cheseaux-sur-Lausanne (CH). SWISSCOM KPpFO, KPpUS
MOBILE AG [CH/CH]; Schwarztörstrasse 61, CH-3050 KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG,
Berne (CH). MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH,

[Suite sur la page suivante]

(54) Title: METHOD FOR ALLOCATING SECURED RESOURCES IN A SECURITY MODULE

(54) Titre : METHODE D'ALLOCATION DE RESSOURCES SECURISEES DANS UN MODULE DE SECURITE



(57) **Abstract:** The aim of the invention is to provide a method for allocating resources in a security module of a mobile device such as a telephone, which takes into account the security imperatives of the different parties such as the operator and the application suppliers. To this end, the invention relates to a method for allocating resources of a security module of an appliance connected to a network, said network being administered by an operator and said resources being used by application suppliers. The inventive method consists of the following steps: a pair of asymmetric keys is generated and the private key is stored in the security module; the public key being stored with the operator; at least one public key pertaining to the operator is introduced into the security module; the operator receives a request from a supplier, said request comprising at least the public key of the supplier; an instruction for reserving a resource is transmitted by the operator towards the security module, along with the public key of the supplier; the operator transmits the public key of the security module to the supplier; and a secured communication is established between the supplier and the security module.

[Suite sur la page suivante]